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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 1 of 2

**Complete If Known**

Application Number	10/643,786
Filing Date	August 19, 2003
First Named Inventor	John N. Boucher
Group Art Unit	3723
Examiner Name	
Attorney Docket Number	12309.13CON1

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document Number	Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
SLM	AA	2,578,869		Washburn	Dec. 18, 1951	
	AB	2,583,791		Neff	Jan. 29, 1952	
	AC	3,090,171		Stimson	May 21, 1963	
	AD	3,626,921		Lane	Dec. 14, 1971	
	AE	3,645,002		Hefti	Feb. 29, 1972	
	AF	3,670,153		Rempert et al.	June 13, 1972	
	AG	3,763,698		Suzuki et al.	Oct. 9, 1973	
	AH	3,803,906		Ross	Apr. 16, 1974	
	AI	3,965,621		Grieb et al.	June 29, 1976	
	AJ	3,987,670		Tuzzeo et al.	Oct. 26, 1976	
	AK	4,007,411		Saito	Feb. 8, 1977	
	AL	4,056,022		Ray	Nov. 1, 1977	
	AM	4,104,833		Glowacki	Aug. 8, 1978	
	AN	4,180,048		Regan	Dec. 25, 1979	
	AO	4,219,004		Runyon	Aug. 26, 1980	
	AP	4,233,625		Altman	Nov. 11, 1980	
	AQ	4,435,837		Abernathy	Mar. 6, 1984	
	AR	4,557,599		Zimring	Dec. 10, 1985	
	AS	4,569,326		Tanizaki et al.	Feb. 11, 1986	
	AT	4,593,406		Stone	June 3, 1986	
	AU	4,619,395		Amorosi et al.	Oct. 28, 1986	
	AV	4,656,896		Bietz et al.	Apr. 14, 1987	
	AW	4,707,647		Coldren et al.	Nov. 17, 1987	
	AX	4,725,884		Gurnell et al.	Feb. 16, 1988	
SLM	AY	4,759,073		Shah et al.	July 19, 1988	

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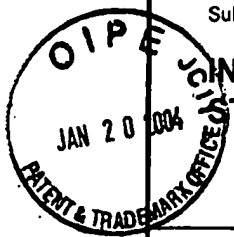
Examiner Signature	Shantise McDonald	Date Considered	7/20/04
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 2

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Application Number	10/643,786
Filing Date	August 19, 2003
First Named Inventor	John N. Boucher
Group Art Unit	3724
Examiner Name	
Attorney Docket Number	12309.13CON1

**U.S. PATENT DOCUMENTS**

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SLW	AZ	4,787,362		Boucher et al.	Nov. 29, 1988	
	BA	4,819,167		Cheng et al.	Apr. 4, 1989	
	BB	4,972,311		Holdgrafer et al.	Nov. 20, 1990	
	BC	4,971,021		Kubotera et al.	Nov. 20, 1990	
	BD	5,016,199		McMurtry et al.	May 14, 1991	
	BE	5,031,360		Farnworth et al.	July 16, 1991	
	BF	5,119,436		Holdgrafer	Jun. 2, 1992	
	BG	5,390,446		Kazui et al.	Feb. 21, 1995	
	BH	5,422,579		Yamaguchi	June 6, 1995	
	BI	5,433,649		Nishida	July 18, 1995	
	BJ	5,459,794		Ninomiya et al.	Oct. 17, 1995	
	BK	5,479,911		Levinson et al.	Jan. 2, 1996	
	BL	5,547,537		Reynolds et al.	Aug. 1996	
	BM	5,573,442		Morita et al.	Nov. 12, 1996	
	BN	5,718,615		Boucher et al.	Feb. 17, 1998	
	BO	6,033,288		Weiss Haus et al.	Mar. 7, 2000	
	BP	6,142,138		Azuma et al.	Nov. 7, 2000	
	BQ	6,165,051		Weiss Haus et al.	Dec. 26, 2000	
	BR	D453,670		Levinson	Feb. 19, 2002	
	BS	6,354,285		Licht et al.	Mar. 12, 2002	
	BT	6,354,912		Osada et al.	Mar. 12, 2002	
	BU	D455,625		Levinson	Apr. 16, 2002	
	BV	6,412,683		Beatson et al.	Jul. 2, 2002	
SLW	BW	6,420,245		Manor	Jul. 16, 2002	

Examiner Signature	<i>Shantae McDonnell</i>	Date Considered	7/20/04
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